



ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA-R05-OAR-2016-0230; FRL-9946-98-Region 5]

**Air Plan Approval; Michigan; Update to Materials Incorporated by
Reference**

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule; notice of administrative change.

SUMMARY: The Environmental Protection Agency (EPA) is updating the materials that are incorporated by reference (IBR) into the Michigan State Implementation Plan (SIP). The regulations, statutes, source-specific provisions and quasi-regulatory materials affected by this update have been previously submitted by the Michigan Department of Environmental Quality (MDEQ) and approved by EPA. This update affects the SIP materials that are available for public inspection at the National Archives and Records Administration (NARA), and the EPA Regional Office.

DATES: This action is effective **[insert date of publication in the Federal Register]**.

ADDRESSES: SIP materials which are incorporated by reference into 40 CFR part 52 are available for inspection at the following locations: Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, Chicago, Illinois 60604, and the National Archives and Records Administration (NARA). For

information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>. To view the material at the Region 5 Office, EPA requests that you email the contact listed in the **FOR FURTHER INFORMATION CONTACT** section.

FOR FURTHER INFORMATION CONTACT: Kathleen D'Agostino, Attainment Planning and Maintenance Section, Air Programs Branch (AR-18J), Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, Chicago, Illinois 60604, (312) 886-1767, dagostino.kathleen@epa.gov.

SUPPLEMENTARY INFORMATION:

I. Background

A. What Is a SIP?

Each state has a SIP containing the control measures and strategies used to attain and maintain the National Ambient Air Quality Standards (NAAQS). The SIP is extensive, containing elements covering a variety of subjects, such as air pollution control regulations, emission inventories, monitoring networks, attainment demonstrations, and enforcement mechanisms.

Each state must formally adopt the control measures and strategies in the SIP after the public has had an opportunity to comment on them. They are then submitted to EPA as SIP revisions on which EPA must formally act.

Once these control measures and strategies are approved by EPA, after notice and comment rulemaking, they are incorporated into the federally approved SIP and are identified in Title 40 of the Code of Federal Regulations part 52 "Approval and Promulgation of Implementation Plans" (40 CFR part 52). The actual state regulations approved by EPA are not reproduced in their entirety in 40 CFR part 52, but are "incorporated by reference," which means that EPA has approved a given state regulation with a specific effective date. This format allows both EPA and the public to know which measures are contained in a given SIP and ensures that the state is enforcing the regulations. It also allows EPA and the public to take enforcement action, should a state not enforce its SIP-approved regulations.

B. How Do the State and EPA Update the SIP?

The SIP is a living document which a state revises as necessary to address its unique air pollution problems. Therefore, EPA must, from time to time, take action on SIP revisions containing new and/or revised regulations as being part of the SIP. On May 22, 1997 (62 FR 27968), EPA revised the procedures for incorporating by reference federally approved SIPs, as a result of consultations between EPA and the Office of the Federal Register (OFR). The description of the revised SIP document, IBR procedures, and "Identification of Plan" format

are discussed in further detail in the May 22, 1997, Federal Register document. On September 6, 2006 (71 FR 52467), EPA published a document in the Federal Register revising the format of the IBR material for Michigan.

II. What Action is EPA Taking?

In this action, EPA is publishing updated tables listing the regulatory and quasi-regulatory materials in the Michigan SIP as of May 1, 2016. This update includes SIP materials that have been submitted by Michigan and approved by EPA since this revised format was first applied to the Michigan SIP in 2006. EPA is removing the EPA Headquarters Library from paragraph (b)(3), as IBR materials are no longer available at this location. Finally, EPA is correcting typographical errors, including omission and other minor errors, and making formatting changes to the tables in subsection 52.2170 (c), (d), and (e).

III. Incorporation by Reference

In this action, EPA is finalizing regulatory text that includes incorporation by reference. In accordance with requirements of 1 CFR 51.5, EPA is finalizing the incorporation by reference of the Michigan regulations described in the amendments to 40 CFR part 52 set forth below. EPA has made, and will continue to make, these documents generally available electronically through www.regulations.gov and/or in hard copy at the appropriate EPA office (see the **ADDRESSES** section of this

preamble for more information).

IV. Good Cause Exemption

EPA has determined that this rule falls under the "good cause" exemption in section 553(b)(3)(B) of the Administrative Procedures Act (APA) which, upon finding "good cause," authorizes agencies to dispense with public participation and section 553(d)(3) which allows an agency to make a rule effective immediately (thereby avoiding the 30-day delayed effective date otherwise provided for in the APA). This rule simply codifies provisions which are already in effect as a matter of law in Federal and approved state programs. Under section 553 of the APA, an agency may find good cause where procedures are "impractical, unnecessary, or contrary to the public interest." Public comment is "unnecessary" and "contrary to the public interest" since the codification only reflects existing law. Immediate notice in the CFR benefits the public by removing outdated citations and incorrect table entries.

V. Statutory and Executive Order Reviews

Under the Clean Air Act (CAA), the Administrator is required to approve a SIP submission that complies with the provisions of the CAA and applicable Federal regulations. 42 U.S.C. 7410(k); 40 CFR 52.02(a). Thus, in reviewing SIP submissions, EPA's role is to approve state choices, provided that they meet the criteria of the CAA. Accordingly, this

action merely approves state law as meeting Federal requirements and does not impose additional requirements beyond those imposed by state law. For that reason, this action:

- Is not a "significant regulatory action" under the terms of Executive Order 12866 (58 FR 51735, October 4, 1993) and is therefore not subject to review under Executive Orders 12866 and 13563 (76 FR 3821, January 21, 2011);
- Does not impose an information collection burden under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.);
- Is certified as not having a significant economic impact on a substantial number of small entities under the Regulatory Flexibility Act (5 U.S.C. 601 et seq.);
- Does not contain any unfunded mandate or significantly or uniquely affect small governments, as described in the Unfunded Mandates Reform Act of 1995 (Pub. L. 104-4);
- Does not have Federalism implications as specified in Executive Order 13132 (64 FR 43255, August 10, 1999);
- Is not an economically significant regulatory action based on health or safety risks subject to Executive Order 13045 (62 FR 19885, April 23, 1997);
- Is not a significant regulatory action subject to Executive Order 13211 (66 FR 28355, May 22, 2001);

- Is not subject to requirements of Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note) because application of those requirements would be inconsistent with the CAA; and
- Does not provide EPA with the discretionary authority to address, as appropriate, disproportionate human health or environmental effects, using practicable and legally permissible methods, under Executive Order 12898 (59 FR 7629, February 16, 1994).

The SIP is not approved to apply on any Indian reservation land or in any other area where EPA or an Indian tribe has demonstrated that a tribe has jurisdiction. In those areas of Indian country, the rule does not have tribal implications and will not impose substantial direct costs on tribal governments or preempt tribal law as specified by Executive Order 13175 (65 FR 67249, November 9, 2000).

The Congressional Review Act, 5 U.S.C. 801 et seq., as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this action and other required information to the U.S. Senate, the U.S. House of

Representatives, and the Comptroller General of the United States prior to publication of the rule in the Federal Register. A major rule cannot take effect until 60 days after it is published in the Federal Register. This action is not a "major rule" as defined by 5 U.S.C. 804(2).

EPA has also determined that the provisions of section 307(b)(1) of the CAA pertaining to petitions for judicial review are not applicable to this action. Prior EPA rulemaking actions for each individual component of the Michigan SIP compilation previously afforded interested parties the opportunity to file a petition for judicial review in the United States Court of Appeals for the appropriate circuit within 60 days of such rulemaking action. Thus, EPA sees no need in this action to reopen the 60-day period for filing such petitions for judicial review for this "Identification of plan" reorganization update action for the State of Michigan.

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Carbon monoxide, Hydrocarbons, Incorporation by reference, Intergovernmental relations, Lead, Nitrogen dioxide, Ozone, Particulate matter, Reporting and recordkeeping requirements, Sulfur oxides, Volatile organic compounds.

Dated: May 18, 2016.

Robert A. Kaplan,
Acting Regional Administrator, Region 5.

Part 52 of chapter I, title 40, Code of Federal Regulations, is amended as follows:

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

1. The authority for citation for part 52 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

2. Section 52.1170 is amended by revising paragraphs (b), (c), (d), and (e) to read as follows:

§ 52.1170 Identification of plan.

* * * * *

(b) Incorporation by reference. (1) Material listed in paragraphs (c), (d), and (e) of this section with an EPA approval date prior to May 1, 2016, was approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR Part 51. Material is incorporated as it exists on the date of the approval, and notice of any change in the material will be published in the Federal Register. Entries in paragraphs (c), (d), and (e) of this section with the EPA approval dates after May 1, 2016, will be incorporated by reference in the next update to the SIP compilation.

(2) EPA Region 5 certifies that the rules/regulations provided by the EPA in the SIP compilation at the addresses in paragraph (b)(3) of this section are an exact duplicate of the

officially promulgated state rules/regulations which have been approved as part of the SIP as of May 1, 2016.

(3) Copies of the materials incorporated by reference may be inspected at the Environmental Protection Agency, Region 5, Air Programs Branch, 77 West Jackson Boulevard, Chicago, IL 60604, and the National Archives and Records Administration. For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

(c) EPA approved regulations.

EPA-APPROVED MICHIGAN REGULATIONS

Michigan citation	Title	State effective date	EPA approval date	Comments
Hazardous Waste Management				
R 299.9109(p)	Used oil	9/11/2000	4/17/2015, 80 FR 21183	
Annual Reporting				
R 336.202	Annual reports	11/11/1986	3/8/1994, 59 FR 10752	
Part 1. General Provisions				
R 336.1101	Definitions; A	4/28/1993	9/7/1994, 59 FR 46182	Only: actual emissions, air-dried coating, air quality standard, allowable emissions, and alternate opacity.
R 336.1101	Definitions; A	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1102	Definitions; B	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1103	Definitions; C	4/28/1993	9/7/1994, 59 FR 46182	Only: creditable
R 336.1103	Definitions; C	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1104	Definitions; D	3/28/2008	12/16/2013, 78 FR 76064	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1105	Definitions; E	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1106	Definitions; F	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1107	Definitions; G	5/28/2002	2/24/2003, 68 FR 8550	
R 336.1108	Definitions; H	5/28/2002	2/24/2003, 68 FR 8550	
R 336.1109	Definitions: I	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1112	Definitions; L	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1113	Definitions: M	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1114	Definitions; N	3/28/2008	12/16/2013, 78 FR 76064	
R 336.1115	Definitions; O	8/22/1981	7/26/1982, 47 FR 32116	
R 336.1116	Definitions; P	11/30/2012	4/4/2014, 79 FR 18802	
R 336.1118	Definitions; R	5/28/2002	2/24/2003, 68 FR 8550	
R 336.1119	Definitions; S	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1120	Definitions; T	5/28/2002	2/24/2003, 68 FR 8550	
R 336.1121	Definitions; U	4/19/1989	9/15/1994, 59 FR 47254	
R 336.1122	Definitions; V	11/30/2012	4/4/2014, 79 FR 18802	
R 336.1123	Definitions; W	8/22/1981	7/26/1982, 47 FR 32116	
R 336.1127	Terms defined in the act	1/19/1980	5/6/1980, 45 FR 29790	
Part 2. Air Use Approval				
R 336.1201	Permits to install	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1202	Waivers of approval	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1203	Information required	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1204	Authority of agents	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1206	Processing of applications for other facilities	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1207	Denial of permits to install	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1208	Permits to operate	1/19/1980	5/6/1980, 45 FR 29790	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1221	Construction of sources of particulate matter, sulfur dioxide, or carbon monoxide in or near nonattainment areas; conditions for approval	7/17/1980	1/12/1982, 47 FR 1292	
R 336.1240	Required air quality models	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1241	Air quality modeling demonstration requirements	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1280	Permit system exemptions; cooling and ventilation equipment	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1281	Permit system exemptions; cleaning, washing and drying equipment	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1282	Permit system exemptions; cooling and ventilation equipment	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1283	Permit system exemptions; testing and inspection equipment	7/17/1980	8/28/1981, 46 FR 43422	
R 336.1284	Permit system exemptions; containers	1/19/1980	5/6/1980, 45 FR 29790	
R 336.1285	Permit system exemptions; miscellaneous	1/19/1980	5/6/1980, 45 FR 29790	
Part 3. Emission Limitations and Prohibitions—Particulate Matter				
R 336.1301	Standards for density of emissions	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1303	Grading visible emissions	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1310	Open burning	4/1/2013	6/2/2015, 80 FR 31305	
R 336.1331	Emissions of particulate matter	3/19/2002	6/1/2006, 71 FR 31093	All except Table 31, section C.8.
R 336.1331, Table 31	Particulate matter emission schedule	1/19/1980	5/22/1981, 46 FR 27923	Only Section C.7, preheater equipment.
R 336.1350	Emissions from larry-car charging of coke ovens	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1351	Charging hole emissions from coke ovens	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1352	Pushing operation fugitive emissions from coke ovens	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1353	Standpipe assembly emissions during coke cycle from coke ovens	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1354	Standpipe assembly emissions during decarbonization from coke ovens	2/22/1985	6/11/1992, 57 FR 24752	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1355	Coke oven gas collector main emissions from slot-type coke ovens	1/19/1980	5/22/1981, 46 FR 27923	
R 336.1356	Coke oven door emissions from coke ovens; doors that are 5 meters or shorter	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1357	Coke oven door emissions from coke oven doors; doors that are taller than 5 meters	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1358	Roof monitor visible emissions at steel manufacturing facilities from electric arc furnaces and blast furnaces	4/30/1998	6/1/2006, 71 FR 31093	
R 336.1359	Visible emissions from scarfer operation stacks at steel manufacturing facilities	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1360	Visible emissions from coke oven push stacks	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1361	Visible emissions from blast furnace casthouse operations at steel manufacturing facilities	4/30/1998	6/1/2006, 71 FR 31093	
R 336.1362	Visible emissions from electric arc furnace operations at steel manufacturing facilities	4/30/1998	6/1/2006, 71 FR 31093	
R 336.1363	Visible emissions from argon-oxygen decarburization operations at steel manufacturing facilities	4/30/1998	6/1/2006, 71 FR 31093	
R 336.1364	Visible emissions from basic oxygen furnace operations	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1365	Visible emissions from hot metal transfer operations at steel manufacturing facilities	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1366	Visible emissions from hot metal desulphurization operations at steel manufacturing facilities	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1367	Visible emissions from sintering operations	2/22/1985	6/11/1992, 57 FR 24752	
R 336.1370	Collected air contaminants	2/18/1981	11/15/1982, 47 FR 51398	
R 336.1371	Fugitive dust control programs other than areas listed in Table 36	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1372	Fugitive dust control program; required activities; typical control methods	3/19/2002	6/1/2006, 71 FR 31093	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1374	Particulate matter contingency measures: Areas listed in Table 37	3/19/2002	6/1/2006, 71 FR 31093	
Part 4. Emission Limitations and Prohibitions—Sulfur-Bearing Compounds				
R 336.1401	Emissions of sulfur dioxide from power plants	3/11/2013	4/17/2015, 80 FR 21183	
R 336.1401a	Definitions	3/11/2013	4/17/2015, 80 FR 21183	
R 336.1402	Emission of SO ₂ from fuel-burning sources other than power plants	3/11/2013	4/17/2015, 80 FR 21183	
R 336.1403	Oil- and natural gas-producing or transporting facilities and natural gas-processing facilities; emissions; operation	3/19/2002	4/17/2015, 80 FR 21183	
R 336.1404	Emissions of SO ₂ and sulfuric acid mist from sulfuric acid plants	3/11/2013	4/17/2015, 80 FR 21183	
R 336.1405	Emissions from sulfur recovery plants located within Wayne county	1/31/2008	4/17/2015, 80 FR 21183	
R 336.1406	Hydrogen sulfide emissions from facilities located within Wayne county	1/31/2008	4/17/2015, 80 FR 21183	
R 336.1407	Sulfur compound emissions from sources located within Wayne county and not previously specified	3/11/2013	4/17/2015, 80 FR 21183	
Part 6. Emission Limitations and Prohibitions—Existing Sources of Volatile Organic Compound Emissions				
R 336.1601	Definitions	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1602	General provisions for existing sources of volatile organic compound emissions	4/10/2000	6/28/2002, 67 FR 43548	
R 336.1604	Storage of organic compounds having a true vapor pressure of more than 1.5 psia, but less than 11 psia, in existing fixed roof stationary vessels of more than 40,000 gallon capacity	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1605	Storage of organic compounds having a true vapor pressure of 11 or more psia in existing stationary vessels of more than 40,000 gallon capacity	3/19/2002	6/1/2006, 71 FR 31093	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1606	Loading gasoline into existing stationary vessels of more than 2,000 gallon capacity at dispensing facilities handling 250,000 gallons per year	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1607	Loading gasoline into existing stationary vessels of more than 2,000 capacity at loading facilities	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1608	Loading gasoline into existing delivery vessels at loading facilities handling less than 5,000,000 gallons per year	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1609	Loading existing delivery vessels with organic compounds having a true vapor pressure of more than 1.5 psia at existing loading facilities handling 5,000,000 or more gallons of such compounds per year	4/20/1989	9/15/1994, 59 FR 47254	
R 336.1610	Existing coating lines; emission of volatile organic compounds from existing automobile, light-duty truck, and other product and material coating lines	4/28/1993	9/7/1994, 59 FR 46182	
R 336.1611	Existing cold cleaners	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1612	Existing open top vapor degreasers	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1613	Existing conveyORIZED cold cleaners	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1614	Existing conveyORIZED vapor degreasers	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1615	Existing vacuum-producing system at petroleum refineries	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1616	Process unit turnarounds at petroleum refineries	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1617	Existing organic compound-water separators at petroleum refineries	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1618	Use of cutback paving asphalt	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1619	Perchloroethylene; emission from existing dry cleaning equipment; disposal	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1620	Emission of volatile organic compounds from the coating of flat wood paneling from existing coating lines	4/28/1993	9/7/1994, 59 FR 46182	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1621	Emission of volatile organic compounds from the coating of metallic surfaces from existing coating lines	4/28/1993	9/7/1994, 59 FR 46182	
R 336.1622	Emission of volatile organic compound from existing component of a petroleum refinery; refinery monitoring program	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1623	Storage of petroleum liquids having a true vapor pressure of more than 1.0 psia but less than 11.0 psia, in existing external floating roof stationary vessels of more than 40,000 gallon capacity	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1624	Emission of volatile organic compound from an existing graphic arts line	11/18/1993	9/7/1994, 59 FR 46182	
R 336.1625	Emission of volatile organic compound from existing equipment utilized in the manufacturing of synthesized pharmaceutical products	11/30/2000	6/1/2006, 71 FR 31093	
R 336.1627	Delivery Vessels; Vapor Collection Systems	2/22/2006	8/3/2007, 72 FR 43169	
R 336.1628	Emission of volatile organic compounds from components of existing process equipment used in manufacturing synthetic organic chemicals and polymers	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1629	Emission of volatile organic compounds from components of existing process equipment used in processing natural gas; monitoring program	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1630	Emission of volatile organic compounds from existing paint manufacturing processes	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1631	Emission of volatile organic compounds from existing process equipment utilized in manufacture of polystyrene of other organic resins	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1632	Emission of volatile organic compounds from existing automobile, truck, and business machine plastic part coating lines	4/28/1993	9/7/1994, 59 FR 46182	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1651	Standards for degreasers	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1660	Standards for Volatile Organic Compounds Emissions from Consumer Products	10/3/2007	5/22/2009, 74 FR 23952	
R 336.1661	Definitions for Consumer Products	10/3/2007	5/22/2009, 74 FR 23952	
Part 7. Emission Limitations and Prohibitions—New Sources of Volatile Organic Compound Emissions				
R 336.1702	General provisions for new sources of volatile organic compound emissions	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1705	Loading gasoline into delivery vessels at new loading facilities handling less than 5,000,000 gallons per year	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1706	Loading delivery vessels with organic compounds having a true vapor pressure of more than 1.5 psia at new loading facilities handling 5,000,000 or more gallons of such compounds per year	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1707	New cold cleaners	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1708	New open top vapor degreasers	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1709	New conveyORIZED cold cleaners	6/15/1997	7/21/1999, 64 FR 39034	
R 336.1710	New conveyORIZED vapor degreasers	6/15/1997	7/21/1999, 64 FR 39034	
Part 8. Emission Limitations and Prohibitions—Oxides of Nitrogen				
R 336.1801	Emission of oxides of nitrogen from non-SIP call stationary sources	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1802	Applicability under oxides of nitrogen budget trading program	5/20/2004	5/4/2005, 70 FR 23029	
R 336.1802a	Adoption by reference	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1803	Definitions	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1804	Retired unit exemption from oxides of nitrogen budget trading program	5/20/2004	5/4/2005, 70 FR 23029	
R 336.1805	Standard requirements of oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1806	Computation of time under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1807	Authorized account representative under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1808	Permit requirements under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1809	Compliance certification under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1810	Allowance allocations under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1811	New source set-aside under oxides of nitrogen budget trading program	5/20/2004	5/4/2005, 70 FR 23029	
R 336.1812	Allowance tracking system and transfers under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1813	Monitoring and reporting requirements under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1814	Individual opt-ins under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1815	Allowance banking under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1816	Compliance supplement pool under oxides of nitrogen budget trading program	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1817	Emission limitations and restrictions for Portland cement kilns	12/4/2002	5/4/2005, 70 FR 23029	
R 336.1818	Emission limitations for stationary internal combustion engines	11/20/2006	1/29/2008, 73 FR 5101	
R 336.1821	CAIR NO _x ozone and annual trading programs; applicability determinations	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1822	CAIR NO _x ozone season trading program; allowance allocations	5/28/2009	8/18/2009, 74 FR 41637	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.1823	New EGUs, new non-EGUs, and newly affected EGUs under CAIR NO _x ozone season trading program; allowance allocations	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1824	CAIR NO _x ozone season trading program; hardship set-aside	6/25/2007	8/18/2009, 74 FR 41637	
R 336.1825	CAIR NO _x ozone season trading program; renewable set-aside	6/25/2007	8/18/2009, 74 FR 41637	
R 336.1826	CAIR NO _x ozone season trading program; opt-in provisions	6/25/2007	8/18/2009, 74 FR 41637	
R 336.1830	CAIR NO _x annual trading program; allowance allocations	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1831	New EGUs under CAIR NO _x annual trading program; allowance allocations	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1832	CAIR NO _x annual trading program; hardship set-aside	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1833	CAIR NO _x annual trading program; compliance supplement pool	5/28/2009	8/18/2009, 74 FR 41637	
R 336.1834	Opt-in provisions under the CAIR NO _x annual trading program	6/25/2007	8/18/2009, 74 FR 41637	
Part 9. Emission Limitations and Prohibitions-Miscellaneous				
R 339.1906	Diluting and concealing emissions	3/19/2002	6/1/2006, 71 FR 31093	
R 339.1910	Air-cleaning devices	1/19/1980	5/6/1980, 45 FR 29790	
R 339.1911	Malfunction abatement plans	3/19/2002	6/1/2006, 71 FR 31093	
R 336.1912	Abnormal conditions, start-up, shutdown, and malfunction of a source, process, or process equipment, operating, notification, and reporting requirements	7/26/1995, as corrected 6/1/2007	10/26/2007, 72 FR 60783	
R 339.1915	Enforcement discretion in instances of excess emission resulting from malfunction, start-up, or shutdown	5/28/2002	2/24/2003, 68 FR 8550	
R 339.1916	Affirmative defense for excess emissions during start-up or shutdown	5/28/2002	2/24/2003, 68 FR 8550	
R 339.1930	Emission of carbon monoxide from ferrous cupola operations	3/19/2002	6/1/2006, 71 FR 31093	
Part 10. Intermittent Testing and Sampling				
R 336.2001	Performance tests by owner	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2002	Performance tests by commission	3/19/2002	6/1/2006, 71 FR 31093	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.2003	Performance test criteria	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2004	Appendix A; reference test methods; adoption of federal reference test methods	2/22/2006	8/3/2007, 72 FR 43169	
R 336.2005	Reference test methods for state-requested tests of delivery vessels	2/22/2006	8/3/2007, 72 FR 43169	
R 336.2006	Reference test method serving as alternate version of federal reference test method 25 by incorporating Byron analysis	4/28/1993	9/7/1994, 59 FR 46182	
R 336.2007	Alternate version of procedure L, referenced in R 336.2040 (10)	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2011	Reference test method 5B	4/29/2005	6/1/2006, 71 FR 31093	
R 336.2012	Reference test method 5C	10/15/2004	6/1/2006, 71 FR 31093	
R 336.2013	Reference test method 5D	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2014	Reference test method 5E	10/15/2004	6/1/2006, 71 FR 31093	
R 336.2021	Figures	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2030	Reference test method 9A	2/22/1985	6/11/1992, 57 FR 24752	
R 336.2031	Reference test method 9B	2/22/1985	6/11/1992, 57 FR 24752	
R 336.2032	Reference test method 9C	2/22/1985	6/11/1992, 57 FR 24752	
R 336.2033	Test methods for coke oven quench towers	2/22/1985	6/11/1992, 57 FR 24752	
R 336.2040	Method for determination of volatile organic compound emissions from coating lines and graphic arts lines	3/19/2002	6/1/2006, 71 FR 31093	All except sections (9) and (10).
R 336.2041	Recording requirements for coating lines and graphic arts lines	4/28/1993	9/7/1994, 59 FR 46182	
Part 11. Continuous Emission Monitoring				
R 336.2101	Continuous emission monitoring, fossil fuel-fired steam generators	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2102	Continuous emission monitoring, sulfuric acid-producing facilities	1/19/1980	11/2/1988, 53 FR 44189	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.2103	Continuous emission monitoring, fluid bed catalytic cracking unit catalyst regenerators at petroleum refineries	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2150	Performance specifications for continuous emission monitoring systems	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2151	Calibration gases for continuous emission monitoring systems	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2152	Cycling time for continuous emission monitoring systems	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2153	Zero and drift for continuous emission monitoring systems	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2154	Instrument span for continuous emission monitoring systems	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2155	Monitor location for continuous emission monitoring systems	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2159	Alternative continuous emission monitoring systems	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2170	Monitoring data reporting and recordkeeping	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2175	Data reduction procedures for fossil fuel-fired steam generators	11/15/2004	6/1/2006, 71 FR 31093	
R 336.2176	Data reduction procedures for sulfuric acid plants	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2189	Alternative data reporting or reduction procedures	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2190	Monitoring System Malfunctions	3/19/2002	6/1/2006, 71 FR 31093	
R 336.2199	Exemptions from continuous emission monitoring requirements	1/19/1980	11/2/1988, 53 FR 44189	All except section (c), which was removed 7/21/1999, 64 FR 39034.
Part 16. Organization, Operation and Procedures				
R 336.2606	Declaratory rulings requests	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2607	Consideration and disposition of declaratory rulings requests	1/19/1980	11/2/1988, 53 FR 44189	
Part 17. Hearings				
R 336.2701	Procedures from Administrative Procedures Act	4/10/2000	6/28/2002, 67 FR 43548	
R 336.2702	Service of notices and orders; appearances	4/10/2000	6/28/2002, 67 FR 43548	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.2704	Hearing commissioner's hearings	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2705	Agency files and records, use in connection with hearings	1/19/1980	11/2/1988, 53 FR 44189	
R 336.2706	Commission hearings after hearing commissioner hearings	1/19/1980	11/2/1988, 53 FR 44189	
Part 18. Prevention of Significant Deterioration of Air Quality				
R 336.2801	Definitions	11/30/2012	4/4/2014, 79 FR 18802	
R 336.2802	Applicability	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2803	Ambient Air Increments	11/30/2012	4/4/2014, 79 FR 18802	
R 336.2804	Ambient Air Ceilings	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2805	Restrictions on Area Classifications	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2806	Exclusions from Increment Consumption	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2807	Redesignation	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2808	Stack Heights	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2809	Exemptions	11/30/2012	4/4/2014, 79 FR 18802	All except for section (5) (a) (iii)
R 336.2810	Control Technology Review	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2811	Source Impact Analysis	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2812	Air Quality Models	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2813	Air Quality Analysis	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2814	Source Information	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2815	Additional Impact Analyses	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2816	Sources impacting federal class I areas; additional requirements	11/30/2012	4/4/2014, 79 FR 18802	
R 336.2817	Public Participation	12/4/2006	3/25/2010, 75 FR 14352	
R 336.2818	Source Obligation	9/11/2008	9/27/2010, 75 FR 59081	
R 336.2819	Innovative Control Technology	12/4/2006	3/25/2010, 75 FR 14352	

Michigan citation	Title	State effective date	EPA approval date	Comments
R 336.2823	Actuals Plantwide Applicability Limits (PALs)	12/4/2006	3/25/2010, 75 FR 14352	Only sections (1) through (14) .
Part 19. New Source Review for Major Sources Impacting Nonattainment Areas				
R 336.2901	Definitions	6/20/2008	12/16/2013, 78 FR 76064	
R 336.2901a	Adoption by reference	6/20/2008	12/16/2013, 78 FR 76064	
R 336.2902	Applicability	6/20/2008	12/16/2013, 78 FR 76064	
R 336.2903	Additional permit requirements for sources impacting nonattainment areas	6/20/2008	12/16/2013, 78 FR 76064	
R 336.2907	Plantwide applicability limits or PALs	6/20/2008	12/16/2013, 78 FR 76064	
R 336.2908	Conditions for approval of a major new source review permit in a nonattainment area	6/20/2008	12/16/2013, 78 FR 76064	
Executive Orders				
1991-31	Commission of Natural Resources, Department of Natural Resources, Michigan Department of Natural Resources, Executive Reorganization	1/7/1992	11/6/1997, 62 FR 59995	Introductory and concluding words of issuance; Title I: General, Part A Sections 1, 2, 4 & 5 and Part B; Title III: Environmental Protection, Part A Sections 1 & 2 and Part D; Title IV: Miscellaneous, Parts A & B, Part C Sections 1, 2 & 4 and Part D.
1995-18	Michigan Department of Environmental Quality, Michigan Department of Natural Resources, Executive Reorganization	9/30/1995	11/6/1997, 62 FR 59995	Introductory and concluding words of issuance; Paragraphs 1, 2, 3(a) & (g), 4, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, and 18.
State Statutes				
Act 12 of 1993	Small Business Clean Air Assistance Act	4/1/1993	6/3/1994, 59 FR 28785	
Act 44 of 1984, as amended	Michigan Motor Fuels Quality Act	11/13/1993	5/5/1997, 62 FR 24341	Only 290.642, 643, 645, 646, 647, and 649.

Michigan citation	Title	State effective date	EPA approval date	Comments
Act 127 of 1970	Michigan Environmental Protection Act	7/27/1970	5/31/1972, 37 FR 10841	
Act 250 of 1965, as amended	Tax Exemption Act	1972	5/31/1972, 37 FR 10841	
Act 283 of 1964, as amended	Weights and Measures Act	8/28/1964	5/5/1997, 62 FR 24341	Only 290.613 and 290.615.
Act 348 of 1965, as amended	Air Pollution Act	1972	5/31/1972, 37 FR 10841	
Act 348 of 1965, as amended	Air Pollution Act	1986	2/17/1988, 53 FR 4622	Only section 7a.
Act 348 of 1965, as amended	Air Pollution Act	1990	3/8/1994, 59 FR 10752	Only sections 5 and 14a.
Act 451 of 1994, as amended	Natural Resources and Environmental Protection Act	3/30/1995	2/10/1998, 63 FR 6650	Only sections 324.5524 and 324.5525.
House Bill 4165	Motor Vehicle Emissions Inspection and Maintenance Program Act	11/13/1993	6/21/1996, 61 FR 31831	
House Bill 4898	An Act to amend section 3 of Act 44 of 1984	11/13/1993	10/11/1994, 59 FR 51379	
House Bill 5016	Motor Vehicle Emissions Testing Program Act	11/13/1993	3/7/1995, 60 FR 12459	
House Bill 5508	Amendment to Motor Fuels Quality Act, Act 44 of 1984	4/6/2006	3/2/2007, 72 FR 4432	
Michigan Civil Service Commission Rule 2-8.3(a) (1)	Disclosure	10/1/2013	8/31/2015, 80 FR 52399	
Senate Bill 726	An Act to amend sections 2, 5, 6, 7, and 8 of Act 44 of 1984	11/13/1993	9/7/1994, 59 FR 46182	
Local Regulations				
City of Grand Rapids Ordinance 72-34	City of Grand Rapids Air Pollution Control Regulations	1972	5/31/1972, 57 FR 10841	Ordinance amends sections 9.35 and 9.36 of article 4, Chapter 151 Title IX of the Code of the City of Grand Rapids.
Muskegon County Air Pollution Control Rules	Muskegon County Air Pollution Control Rules and Regulations, as amended	3/27/1973	5/16/1984, 49 FR 20650	Only article 14, section J.

Michigan citation	Title	State effective date	EPA approval date	Comments
Wayne County Air Pollution Control Ordinance	Wayne County Air Pollution Control Ordinance	11/18/1985	5/13/1993, 58 FR 28359	Only: chapters 1, 2, 3, 5 (except for the portions of section 501 which incorporate by reference the following parts of the state rules: the quench tower limit in R 336.1331, Table 31, section C.8; the deletion of the limit in R 336.1331 for coke oven coal preheater equipment; and R 336.1355), 8 (except section 802), 9, 11, 12, 13, and appendices A and D.
Wayne County Air Pollution Control Regulations	Wayne County Air Pollution Control Regulations	3/20/1969 and amended 7/22/1971	5/6/1980, 45 FR 29790	All except for Section 6.3 (A-H), which was removed 4/17/2015, 80 FR 21186

(d) EPA approved state source-specific requirements.

EPA-APPROVED MICHIGAN SOURCE-SPECIFIC PROVISIONS

Name of source	Order number	State effective date	EPA approval date	Comments
Allied Signal, Inc., Detroit Tar Plant, Wayne County	4-1993	10/12/1994	1/17/1995, 60 FR 3346	
American Colloid Plant	Permit 341-79	12/18/1979	9/15/1983, 48 FR 41403	
American Colloid Plant	Permit 375-79	11/23/1979	9/15/1983, 48 FR 41403	
Asphalt Products Company, Plant 5A, Wayne County	5-1993	10/12/1994	1/17/1995, 60 FR 3346	

Name of source	Order number	State effective date	EPA approval date	Comments
Clark Oil and Refining Corporation, Calhoun County	6-1981	6/24/1982	12/13/1982, 47 FR 55678	
Clawson Concrete Company, Plant #1, Wayne County	6-1993	10/12/1994	1/17/1995, 60 FR 3346	
Conoco, Inc., Berrien County	17-1981	9/28/1981	2/17/1982, 47 FR 6828	
Consumers Power Company, B. C. Cobb Plant, Muskegon County	6-1979	12/10/1979	5/1/1981, 46 FR 24560	
Consumers Power Company, J.H. Campbell Plant, Units 1 and 2, Ottawa County	12-1984	10/1/1984	1/12/1987, 52 FR 1183	
Continental Fibre Drum, Inc., Midland County	14-1987	12/9/1987	6/11/1992, 57 FR 24752	
Cummings-Moore Graphite Company, Wayne County	7-1993	10/12/1994	1/17/1995, 60 FR 3346	
CWC Castings Division of Textron, Muskegon County	12-1979	2/15/1980	5/16/1984, 49 FR 20650	
Delray Connecting Railroad Company, Wayne County	8-1993	10/12/1994	1/17/1995, 60 FR 3346	
Detroit Edison Company, Boulevard Heating Plant, Wayne County	7-1981	4/28/1981	5/4/1982, 47 FR 19133	
Detroit Edison Company, City of St. Clair, St. Clair County	4-1978	11/14/1978	8/25/1980, 45 FR 56344	
Detroit Edison Company, Monroe County	9-1977	7/7/1977	12/21/1979, 44 FR 75635 (correction: 3/20/1980, 45 FR 17997)	
Detroit Edison Company, River Rouge Power Plant, Wayne County	9-1993	10/12/1994	1/17/1995, 60 FR 3346	
Detroit Edison Company, Sibley Quarry, Wayne County	10-1993	10/12/1994	1/17/1995, 60 FR 3346	
Detroit Water and Sewerage Department, Wastewater Treatment Plant, Wayne County	11-1993	10/12/1994	1/17/1995, 60 FR 3346	
Diamond Crystal Salt Company, St. Clair County	13-1982	9/8/1982	3/14/1983, 48 FR 9256	
Dow Chemical Company, Midland County	12-1981	6/15/1981	3/24/1982, 47 FR 12625	
Dow Chemical Company, West Side and South Side Power Plants, Midland County	19-1981	7/21/1981	3/24/1982, 47 FR 12625	Only sections A(3), B, C, D, and E
Dundee Cement Company, Monroe County	8-1979	10/17/1979	8/11/1980, 45 FR 53137	

Name of source	Order number	State effective date	EPA approval date	Comments
Dundee Cement Company, Monroe County	16-1980	11/19/1980	12/3/1981, 46 FR 58673	
Eagle Ottawa Leather Company, Ottawa County	7-1994	7/13/1994	10/23/1995, 60 FR 54308	
Edward C. Levy Company, Detroit Lime Company, Wayne County	15-1993	10/12/1994	1/17/1995, 60 FR 3346	
Edward C. Levy Company, Plant #1, Wayne County	16-1993	10/12/1994	1/17/1995, 60 FR 3346	
Edward C. Levy Company, Plant #3, Wayne County	17-1993	10/12/1994	1/17/1995, 60 FR 3346	
Edward C. Levy Company, Plant #4 and 5, Wayne County	19-1993	10/12/1994	1/17/1995, 60 FR 3346	
Edward C. Levy Company, Plant #6, Wayne County	18-1993	10/12/1994	1/17/1995, 60 FR 3346	
Edward C. Levy Company, Scrap Up-Grade Facility, Wayne County	20-1993	10/12/1994	1/17/1995, 60 FR 3346	
Enamalum Corporation, Oakland County	6-1994	6/27/1994	2/21/9196, 61 FR 6545	
Ferrous Processing and Trading Company, Wayne County	12-1993	10/12/1994	1/17/1995, 60 FR 3346	
Ford Motor Company, Rouge Industrial Complex, Wayne County	13-1993	10/12/1994	1/17/1995, 60 FR 3346	
Ford Motor Company, Utica Trim Plant, Macomb County	39-1993	11/12/1993	9/7/1994, 59 FR 46182	
Ford Motor Company, Vulcan Forge, Wayne County	14-1993	10/12/1994	1/17/1995, 60 FR 3346	
General Motors Corporation, Buick Motor Division Complex, Flint, Genesee County	10-1979	5/5/1980	2/10/1982, 47 FR 6013	
General Motors Corporation, Buick Motor Division, Genesee County	8-1982	4/2/1984	8/22/1988, 53 FR 31861	Original order effective 7/12/1982, as altered effective 4/2/1982
General Motors Corporation, Cadillac Motor Car Division, Wayne County	12-1982	7/22/1982	7/5/1983, 48 FR 31022	
General Motors Corporation, Central Foundry Division, Saginaw Malleable Iron Plant, Saginaw County	8-1983	6/9/1983	12/13/1985, 50 FR 50907	Supersedes paragraph 7.F of order 6-1980

Name of source	Order number	State effective date	EPA approval date	Comments
General Motors Corporation, Central Foundry Division, Saginaw Malleable Iron Plant, Saginaw County	6-1980	7/30/1982	8/15/1983, 48 FR 36818	Paragraph 7.F superseded by order 8-1983. Original order effective 6/3/1980, as altered effective 7/30/1982
General Motors Corporation, Chevrolet Flint Truck Assembly, Genesee County	10-1982	7/12/1982	7/5/1983, 48 FR 31022	
General Motors Corporation, Chevrolet Motor Division, Saginaw Grey Iron Casting Plant and Nodular Iron Casting Plant, Saginaw County	1-1980	4/16/1980	2/10/1982, 47 FR 6013	
General Motors Corporation, Fisher Body Division, Fleetwood, Wayne County	11-1982	7/22/1982	7/5/1983, 48 FR 31022	
General Motors Corporation, Fisher Body Division, Flint No. 1, Genesee County	9-1982	7/12/1982	7/5/1983, 48 FR 31022	
General Motors Corporation, GM Assembly Division, Washtenaw County	5-1983	5/5/1983	12/13/1984, 49 FR 5345	
General Motors Corporation, Hydra-Matic Division, Washtenaw County	3-1982	6/24/1982	3/4/1983, 48 FR 9256	
General Motors Corporation, Oldsmobile Division, Ingham County	4-1983	5/5/1983	12/13/1984, 49 FR 5345	
General Motors Corporation, Warehousing and Distribution Division, Genesee County	18-1981	7/28/1983	5/16/1984, 49 FR 20649	Original order effective 12/1/1981, as altered effective 7/28/1983
Hayes-Albion Corporation Foundry, Calhoun County	2-1980	2/2/1982	9/15/1983, 48 FR 41403	Original order effective 2/15/1980, as altered effective 2/2/1982
J. H. Campbell Plant, Ottawa County	5-1979	2/6/1980	12/24/1980, 45 FR 85004 (correction: 3/16/1981 46 FR 16895)	Original order effective 6/25/1979, as altered effective 2/6/1980
Keywell Corporation, Wayne County	31-1993	10/12/1994	1/17/1995, 60 FR 3346	

Name of source	Order number	State effective date	EPA approval date	Comments
Lansing Board of Water and Light	4-1979	5/23/1979	12/17/1980, 45 FR 82926	All except sections 7 A, B, C1, D, E, F, and section 8
Marathon Oil Company, Muskegon County	16-1981	7/31/1981	2/22/1982, 47 FR 7661	
Marblehead Lime Company, Brennan Avenue Plant, Wayne County	21-1993	10/12/1994	1/17/1995, 60 FR 3346	
Marblehead Lime Company, River Rouge Plant, Wayne County	22-1993	10/12/1994	1/17/1995, 60 FR 3346	
McLouth Steel Company, Trenton Plant, Wayne County	23-1993	10/12/1994	1/17/1995, 60 FR 3346	
Michigan Foundation Company, Cement Plant, Wayne County	24-1993	10/12/1994	1/17/1995, 60 FR 3346	
Michigan Foundation Company, Sibley Quarry, Wayne County	25-1993	10/12/1994	1/17/1995, 60 FR 3346	
Monitor Sugar Company, Bay County	21-1981	10/29/1981	5/19/1982, 47 FR 21534	
Morton International, Inc., Morton Salt Division, Wayne County	26-1993	10/12/1994	1/17/1995, 60 FR 3346	
National Steel Corporation, Great Lakes Division, Wayne County	27-1993	10/12/1994	1/17/1995, 60 FR 3346	
National Steel Corporation, Transportation and Materials Handling Division, Wayne County	28-1993	10/12/1994	1/17/1995, 60 FR 3346	
New Haven Foundry, Inc., Macomb County	12-1980	8/14/1980	2/10/1982, 47 FR 6013	
Northern Michigan Electric Cooperative Advance Steam Plant, Charlevoix County	16-1979	1/10/1980	7/2/1981, 46 FR 34584	
Packaging Corporation of America, Manistee County	23-1984	7/8/1985	5/4/1987, 52 FR 16246	
Peerless Metal Powders, Incorporated, Wayne County	29-1993	10/12/1994	1/17/1995, 60 FR 3346	
Rouge Steel Company, Wayne County	30-1993	10/12/1994	1/17/1995, 60 FR 3346	
S. D. Warren Company, Muskegon	9-1979	10/31/1999	1/27/1981, 46 FR 8476	
St. Marys Cement Company, Wayne County	32-1993	10/12/1994	1/17/1995, 60 FR 3346	
Traverse City Board of Light and Power, Grand Traverse County	23-1981	1/4/1982	5/19/1982, 47 FR 21534	

Name of source	Order number	State effective date	EPA approval date	Comments
Union Camp Corporation, Monroe County	14-1979	1/3/1980	5/14/1981, 46 FR 26641	
United States Gypsum Company, Wayne County	33-1993	10/12/1994	1/17/1995, 60 FR 3346	
VCF Films, Inc., Livingston County	3-1993	6/21/1993	9/7/1994, 59 FR 46182	
Woodbridge Corporation, Washtenaw County	40-1993	11/12/1993	9/7/1994, 59 FR 46182	
Wyandotte Municipal Power Plant, Wayne County	34-1993	10/12/1994	1/17/1995, 60 FR 3346	

(e) EPA approved nonregulatory and quasi-regulatory provisions.

EPA-APPROVED MICHIGAN NONREGULATORY AND QUASI-REGULATORY PROVISIONS

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
Implementation plan for the control of suspended particulates, sulfur oxides, carbon monoxide, hydrocarbons, nitrogen oxides, and photochemical oxidants in the state of Michigan	Statewide	2/3/1972	5/31/1972, 37 FR 10841	Sections include: Air quality control regions, legal authority, air quality data, emission data, control strategy, control regulations, compliance plans and schedules, prevention of air pollution emergency episodes, air quality surveillance program, control of emission sources, organization and resources, and intergovernmental cooperation.
Reevaluation of control strategies	Berrien and Ingham Counties	3/3/1972	10/28/1972, 37 FR 23085	
Reasons and justifications	Statewide	7/12/1972	10/28/1972, 37 FR 23085	Concerning general requirements of control strategy for nitrogen dioxide, compliance schedules, and review of new sources and modifications.

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
Compliance schedules	Alpena, Baraga, Charlevoix, Huron, Ionia, Marquette, Midland, Muskegon, Oakland, Otsego, and St. Clair Counties	5/4/1973, 9/19/1973, 10/23/1973, and 12/13/1973	8/5/1974, 39 FR 28155	
Compliance schedules	Allegan, Eaton, Emmet, Genesee, Huron, Ingham, Macomb, Monroe, Ottawa, Saginaw, and St. Clair Counties	2/16/1973 and 5/4/1973	9/10/1974, 39 FR 32606	
Carbon monoxide control strategy	Saginaw area	4/25/1979	5/6/1980, 45 FR 29790	
Transportation control plans	Detroit urban area	4/25/1979, 7/25/1979, 10/12/1979, 10/26/1979, 11/8/1979, 12/26/1979	6/2/1980, 45 FR 37188	
Ozone control strategy for rural ozone nonattainment areas	Marquette, Muskegon, Gratiot, Midland, Saginaw, Bay, Tuscola, Huron, Sanilac, Ottawa, Ionia, Shiawassee, Lapeer, Allegan, Barry, Van Buren, Kalamazoo, Calhoun, Jackson, Berrien, Cass, Branch, Hillsdale, and Lenawee Counties	4/25/1979, 7/25/1979, 10/12/1979, 10/26/1979, 11/8/1979, 12/26/1979	6/2/1980, 45 FR 37188	
Transportation control plan	Niles	4/25/1979, 10/26/1979, 11/8/1979, 12/26/1979, 8/4/1980, and 8/8/1980	4/17/1981, 46 FR 22373	

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
Total suspended particulate studies	Detroit area	3/7/1980 and 4/21/1981	2/18/1982, 47 FR 7227	
Lead plan	Statewide	12/27/1979 and 2/9/1981	4/13/1982, 47 FR 15792	
Reduction in size of Detroit ozone area	Wayne, Oakland, Macomb, Livingston, Monroe, St. Clair, and Washtenaw Counties	9/1/1982	7/7/1983, 48 FR 31199	
Information relating to order 8-1982: letter dated 9/6/84 from Michigan Department of Natural Resources to EPA	Genesee County	9/6/1984	8/22/1988, 53 FR 31861	
Information relating to order 14-1987: letter dated 12/17/87 from Michigan Department of Natural Resources to EPA	Midland County	12/17/1987	10/3/1989, 54 FR 40657	
Appendices A and D of Wayne County Air Pollution Control Ordinance	Wayne County	10/10/1986	5/13/1993, 58 FR 28359	Effective 11/18/1985.
Information supporting emissions statement program	Statewide	11/16/1992, 10/25/1993, and 2/7/1994	3/8/1994, 59 FR 10752	1991 Michigan air pollution reporting forms, reference tables, and general instructions
I/M program	Grand Rapids and Muskegon areas	11/12/1993 and 7/19/1994	10/11/1994, 59 FR 51379	Includes: document entitled "Motor Vehicle Emissions Inspection and Maintenance Program for Southeast Michigan, Grand Rapids MSA, and Muskegon MSA Moderate Nonattainment Areas," RFP, and supplemental materials.
PM-10 implementation plan	Wayne County	6/11/1993, 4/7/1994, and 10/14/1994	1/17/1995, 60 FR 3346	Reasonable further progress, RACM, contingency measures, 1985 base year emission inventory

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
General conformity	Statewide	11/29/1994	12/18/1996, 61 FR 66607	
Transportation conformity	Statewide	11/24/1994	12/18/1996, 61 FR 66609	
7.8 psi Reid vapor pressure gasoline-supplemental materials	Wayne, Oakland, Macomb, Washtenaw, Livingston, St. Clair, and Monroe Counties	5/16/1996, 1/5/1996, and 5/14/1996	5/5/1997, 62 FR 24341	Includes: letter from Michigan Governor John Engler to Regional Administrator Valdas Adamkus, dated 1/5/1996, letter from Michigan Director of Environmental Quality Russell Harding to Regional Administrator Valdas Adamkus, dated 5/14/1996, and state report entitled "Evaluation of Air Quality Contingency Measures for Implementation in Southeast Michigan".
Regional Haze Plan	Statewide	11/5/2010	12/3/2012, 77 FR 71533	Addresses all regional haze plan elements except BART emission limitations for EGUs, St. Marys Cement, Escanaba Paper, and Tilden Mining
Attainment Demonstrations				
1-hour ozone attainment demonstrations and transportation control plans	Flint, Lansing and Grand Rapids urban areas	4/25/1979, 7/25/1979, 10/12/1979, 10/26/1979, 11/8/1979, 12/26/1979	6/2/1980, 45 FR 37188	
Carbon monoxide and 1-hour ozone attainment demonstrations and I/M program	Detroit urban area	4/25/1979, 7/25/1979, 10/12/1979, 10/26/1979, 11/8/1979, 12/26/1979, 3/20/1980, 5/12/1980, and 5/21/1980	6/2/1980, 45 FR 37192	
Emissions Inventories				
1-hour ozone 1990 base year	Grand Rapids (Kent and Ottawa Counties) and Muskegon areas	1/5/1993	7/26/1994, 59 FR 37944	

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
1-hour ozone 1990 base year	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	1/5/1993 and 11/29/1993	3/7/1995, 60 FR 12459	
1-hour ozone 1990 base year	Flint (Genesee County) and Saginaw-Midland-Bay City (Bay, Midland, and Saginaw Counties)	5/9/2000	11/13/2000, 65 FR 67629	
1-hour ozone 1991 base year	Allegan County	9/1/2000 and 10/13/2000	11/24/2000, 65 FR 70490	
1997 8-hour ozone 2005 base year	Detroit-Ann Arbor (Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	3/6/2009	6/29/2009, 74 FR 30950	
1997 annual PM _{2.5} 2005 base year	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	6/13/2008	11/6/2012, 77 FR 66547	
Infrastructure				
Public availability of emissions data	Statewide	7/24/1972	10/28/1972, 37 FR 23085	
Ambient air quality monitoring, data reporting, and surveillance provisions	Statewide	12/19/1979	3/4/1981, 46 FR 15138	
Provisions addressing sections 110(a)(2)(K), 126(a)(2), 127, and 128 of the Clean Air Act as amended in 1977	Statewide	4/25/1979 and 10/12/1979	6/5/1981, 46 FR 30082	Concerns permit fees, interstate pollution, public notification, and state boards.

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
Section 121, intergovernmental consultation	Statewide	5/25/1979	11/27/1981, 46 FR 57893	
Section 110(a)(2) infrastructure requirements for the 1997 8-hour ozone NAAQS	Statewide	12/6/2007, 7/19/2008, and 4/6/2011	7/13/2011, 76 FR 41075	Approved CAA elements: 110(a)(2)(A), (B), (C), (D)(ii), (E), (F), (G), (H), (J), (K), (L), and (M).
Section 110(a)(2) infrastructure requirements for the 1997 PM _{2.5} NAAQS	Statewide	12/6/2007, 7/19/2008, and 4/6/2011	7/13/2011, 76 FR 41075	Approved CAA elements: 110(a)(2)(A), (B), (C), (D)(ii), (E), (F), (G), (H), (J), (K), (L), and (M).
Section 110(a)(2) infrastructure requirements for the 2006 24-hour PM _{2.5} NAAQS	Statewide	8/15/2011, 7/9/2012, 7/10/2014	10/20/2015, 80 FR 63451	Approved CAA elements: 110(a)(2)(A), (B), (C), (D)(i)(II), (D)(ii), (E), (F), (G), (H), (J), (K), (L), and (M). We are not taking action on the visibility protection requirements of (D)(i)(II).
Section 110(a)(2) infrastructure requirements for the 2008 lead (Pb) NAAQS	Statewide	4/3/2012, 8/9/2013, 7/10/2014	10/20/2015, 80 FR 63451	Approved CAA elements: 110(a)(2)(A), (B), (C), (D), (E), (F), (G), (H), (J), (K), (L), and (M).
Section 110(a)(2) Infrastructure Requirements for the 2008 ozone NAAQS.	Statewide	7/10/2014	10/13/2015, 80 FR 61311	Approved CAA elements: 110(a)(2)(A), (B), (C), (D), (E), (F), (G), (H), (J), (K), (L), and (M). We are not taking action on (D)(i)(I) and the visibility portion of (D)(i)(II).
Section 110(a)(2) Infrastructure Requirements for the 2010 nitrogen dioxide (NO ₂) NAAQS.	Statewide	7/10/2014	10/13/2015, 80 FR 61311	Approved CAA elements: 110(a)(2)(A), (B), (C), (D), (E), (F), (G), (H), (J), (K), (L), and (M). We are not taking action on the visibility portion of (D)(i)(II).
Section 110(a)(2) Infrastructure Requirements for the 2008 sulfur dioxide (SO ₂) NAAQS.	Statewide	7/10/2014	10/13/2015, 80 FR 61311	Approved CAA elements: 110(a)(2)(A), (B), (C), (D), (E), (F), (G), (H), (J), (K), (L), and (M). We are not taking action on (D)(i)(I) and the visibility portion of (D)(i)(II).

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
Section 110(a)(2) Infrastructure Requirements for the 2012 particulate matter (PM _{2.5}) NAAQS.	Statewide	7/10/2014	10/13/2015, 80 FR 61311	Approved CAA elements: 110(a)(2)(A), (B), (C), (D), (E), (F), (G), (H), (J), (K), (L), and (M). We are not taking action on (D)(i)(I) and the visibility portion of (D)(i)(II).
Maintenance Plans				
Carbon monoxide	Detroit area (portions of Wayne, Oakland, and Macomb Counties)	3/18/1999	6/30/1999, 64 FR 35017	
Carbon monoxide	Detroit area (portions of Wayne, Oakland, and Macomb Counties)	12/19/2003	1/28/2005, 64 FR 35017	Revision to motor vehicle emission budgets.
1-hour ozone	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	11/12/1994	3/7/1995, 60 FR 12459	
1-hour ozone	Grand Rapids area	3/9/1995	6/21/1996, 61 FR 31831	
1-hour ozone	Muskegon County	3/9/1995	8/30/2000, 65 FR 52651	
1-hour ozone	Allegan County	9/1/2000 and 10/13/2000	11/24/2000, 65 FR 70490	
1-hour ozone	Flint (Genesee County) and Saginaw-Midland-Bay City (Bay, Midland, and Saginaw Counties)	5/9/2000	11/13/2000, 65 FR 67629	
1-hour ozone	Muskegon County	3/22/2001	8/6/2001, 66 FR 40895	Revision to motor vehicle emission budgets.

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
1-hour ozone update	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	12/19/2003	5/20/2005, 70 FR 29202	
1997 8-hour ozone	Grand Rapids (Kent and Ottawa Counties), Kalamazoo-Battle Creek (Calhoun, Kalamazoo, and Van Buren Counties), Lansing-East Lansing (Clinton, Eaton, and Ingham Counties), Benzie County, Huron County, and Mason County	5/9/2006, 5/26/2006, and 8/25/2006	5/16/2007, 72 FR 27425	
1997 8-hour ozone	Flint (Genesee and Lapeer Counties), Muskegon (Muskegon County), Benton Harbor (Berrien County), and Cass County	6/13/2006, 8/25/2006, and 11/30/2006	5/16/2007, 72 FR 27425	
1997 8-hour ozone	Detroit-Ann Arbor (Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	3/6/2009	6/29/2009, 74 FR 30950	
Particulate matter	Macomb, Oakland, Wayne and Monroe Counties	6/27/1974 and 10/18/1974	6/2/1975, 40 FR 23746	
PM-10	Wayne County	7/24/1995	8/5/1996, 61 FR 40516	

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
1997 Annual PM _{2.5}	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	7/05/2011	8/29/2013, 78 FR 53274	
2006 24-Hour PM _{2.5}	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	7/05/2011	8/29/2013, 78 FR 53274	
Negative Declarations				
Negative declarations	Wayne, Oakland and Macomb Counties	10/10/1983, 5/17/1985, and 6/12/1985	11/24/1986, 51 FR 42221	Includes large petroleum dry cleaners, high-density polyethylene, polypropylene, and polystyrene resin manufacturers, and synthetic organic chemical manufacturing industry-oxidation.
Negative declarations	Detroit-Ann Arbor Area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne Counties) Grand Rapids Area (Kent and Ottawa Counties), and Muskegon County	3/30/1994	9/7/1994, 59 FR 46182	Includes: Large petroleum dry cleaners, SOCMi air oxidation processes, high-density polyethylene and polypropylene resin manufacturing and pneumatic rubber tire manufacturing.
Section 182(f) NO_x Exemptions				
1-hour ozone	Detroit-Ann Arbor area (Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties)	11/12/1993	8/10/1994, 59 FR 40826	
1-hour ozone	Clinton, Ingham, Eaton, and Genesee Counties	7/1/1994 and 7/8/1994	4/27/1995, 60 FR 20644	

Name of nonregulatory SIP provision	Applicable geographic or nonattainment area	State submittal date	EPA approval date	Comments
1-hour ozone	Kent, Ottawa, Muskegon, Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass, Clinton, Eaton, Gratiot, Genesee, Hillsdale, Ingham, Ionia, Jackson, Kalamazoo, Lenawee, Midland, Montcalm, St. Joseph, Saginaw, Shiawassee, and Van Buren Counties	7/13/1994	1/26/1996, 61 FR 2428	
1-hour ozone	Muskegon County	11/22/1995	9/26/1997, 62 FR 50512	
1997 8-hour ozone	Grand Rapids (Kent and Ottawa Counties), Kalamazoo-Battle Creek (Calhoun, Kalamazoo, and Van Buren Counties), Lansing-East Lansing (Clinton, Eaton, and Ingham Counties), Benzie County, Huron County and Mason County	1/17/2015	6/6/2006, 71 FR 32448	